

WHAT IS CLAIMED IS:

1. A route provision apparatus comprising:

a position acquisition unit configured to obtain current positioning data including information of a current position of a mobile object;

a veering detecting unit configured to employ the current positioning data to detect a veering of the mobile object from a determined travel route; and

a travel route determination unit configured to determine a new travel route when the veering detecting unit detects the veering of the mobile object,

wherein the travel route determination unit employs the detection result obtained by the veering detecting unit to determine a new travel route based on one or more of route determination conditions.

2. The route provision apparatus as claimed in claim 1, wherein the veering detecting unit detects a veering state in which the mobile object has veered away from the determined travel route, and

wherein the travel route determination unit employs the veering state to select one of the route determination conditions to determine a new travel route.

3. A navigation system comprising:

a position acquisition unit configured to obtain current positioning data including information of a

current position of a mobile object;

a veering detecting unit configured to employ the current positioning data to detect a veering of the mobile object from a determined travel route;

5 a travel route determination unit configured to determine a new travel route when the veering detecting unit detects the veering of the mobile object; and

a display device configured to display the determined travel route,

10 wherein the travel route determination unit employs the detection result obtained by the veering detecting unit to determine a new travel route based on one or more of route determination conditions.

4. The navigation system as claimed in claim 3, wherein  
15 the veering detecting unit detects a veering state in which the mobile object has veered away from the determined travel route, and

wherein the travel route determination unit employs the veering state to select one of the route determination  
20 conditions to determine a new travel route.

5. A route provision method comprising:

obtaining current positioning data including information of a mobile object;

employing the current positioning data to detect a  
25 veering of the mobile object from a determined travel

route; and

determining a new travel route when the veering of the mobile object from the determined travel route is detected,

5        wherein in the determining of the new travel route, the detection result obtained at the detecting of the veering are employed to determine a new travel route based on one or more of route determination conditions.

6.       The route provision method as claimed in claim 5,  
10       wherein in the detecting of the veering, a veering state in which the mobile object has veered away from the determined travel route is detected, and

         wherein in the determining of the travel route, the veering state is employed to select one of the route  
15       determination conditions to determine a new travel route.

7.       A computer program product for causing a computer to execute procedures, comprising:

         means for obtaining current positioning data including information of a mobile object;

20       means for employing the current positioning data to detect a veering of the mobile object from a determined travel route; and

         means for determining a new travel route when the veering of the mobile object from the determined travel  
25       route is detected,

wherein the means for determining of the new travel route employs the detection result obtained at the detecting of the veering to determine a new travel route based on one or more of route determination conditions.

5 8. The computer program product as claimed in claim 7, wherein the means for detecting the veering detects a veering state in which the mobile object has veered away from the determined travel route, and

wherein the means for determining the travel route  
10 employs the veering state to select one of the route determination conditions to determine a new travel route.

9. The computer program product as claimed in claim 7 further comprising means for displaying the determined travel route.

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